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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



A1

**WO 2004/003553 A1**

(54) Title: METHODS FOR IDENTIFYING NOVEL TRANSCRIPTION INHIBITORS

(57) Abstract: A method for identifying compounds which inhibit or prevent the interaction between Hrp65 and actin. Compounds (peptides) are disclosed, which have been identified by the method, and which may be useful in the treatment of hyperproliferative diseases. Use of said compounds for studying cell transcription processes and for protein transduction.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 03/01112

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: G01N 33/53, C07K 7/06, C07K 7/08**  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: G01N, C07K**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**WPI DATA, EPO-INTERNAL, PAJ, CHEM. ABS DATA, MEDLINE, BIOSIS**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Experimental Cell Research, Vol. 264, 2001, Francesc Miralles et al: "Molecular Characterization of Ct-hrp65: Identification of Two Novel Isoforms Originated by Alternative Splicing", page 284 - page 295, page 290, column 2 - page 291, column 1; page 293. & Swissprot Databases, Accession no. Q9U1N0, publ. date 01-05-2000, and Q95ZH0, publ. date 01-12-2001	1-4,8,11, 14-15,18
Y	--	20

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
23 Sept 2003	14-10-2003
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer  Ida Christensen/Eö Telephone No. + 46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 03/01112

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	The Journal of Cell Biology, Vol. 148, no. 2, January 2000, Francesc Miralles et al: "Electron Tomography Reveals Posttranscriptional Binding of Pre-mRNPs to Specific Fibers in the Nucleoplasm", page 271 - page 282, & Swissprot Databases, Accession no. Q9U1N0, publ. date 01-05-2000	8,11,14-15, 18
Y	--	20
Y	TiPS, Vol. 21, 2000, Steven R. Schwarze et al: "In vivo protein transduction: intracellular delivery of biologically active proteins, compounds and DNA", page 45 - page 48	20
A	The Journal of Cell Biology, Vol. 153, no. 1, April 2001, Piergiorgio Percipalle et al: "Actin Bound to the Heterogeneous Nuclear Ribonucleoprotein hrp36 Is Associated with Balbiani Ring mRNA from the Gene to Polysomes", page 229 - page 235	1-20
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# INTERNATIONAL SEARCH REPORT

I nternational application No.  
**PCT/SE03/01112**

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: **5-7 (partial)** because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
**see next sheet**
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest  
 No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

In international application No.  
PCT/SE03/01112

Present claims 5-6 relate to a product defined by reference to a desirable characteristic or property, namely being identified by the method according to any of claims 1-4. Claim 7 relates to the use of the product of claims 5-6. The claims cover all products having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and / or disclosure within the meaning of Article 5 PCT for only a very limited number of such products. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the product by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the products as defined by the amino acid sequences of SEQ ID Nos. 1, 3, 5 and 6.